

FIG. 1.

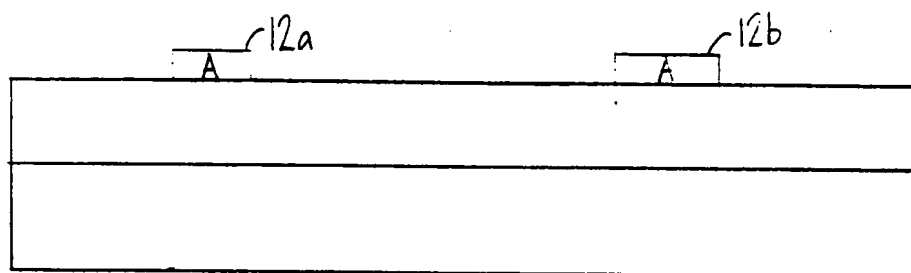


FIG. 2.

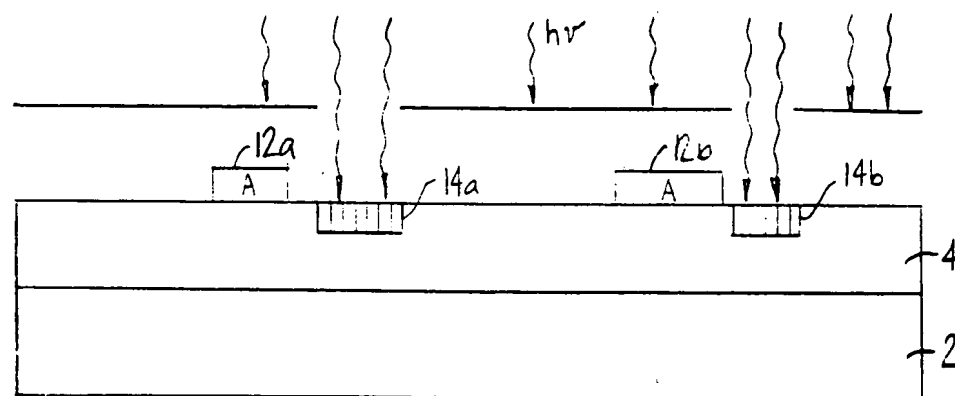


FIG. 3.

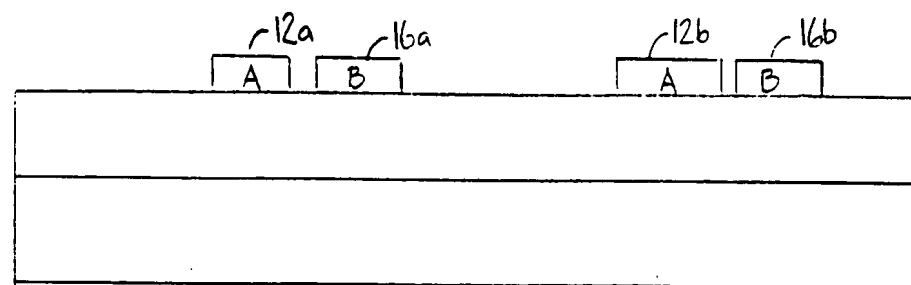


FIG. 4.

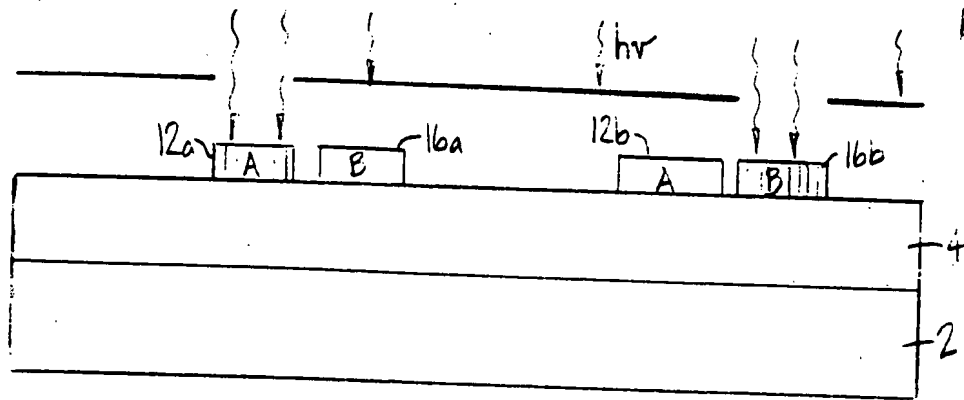


FIG. 5.

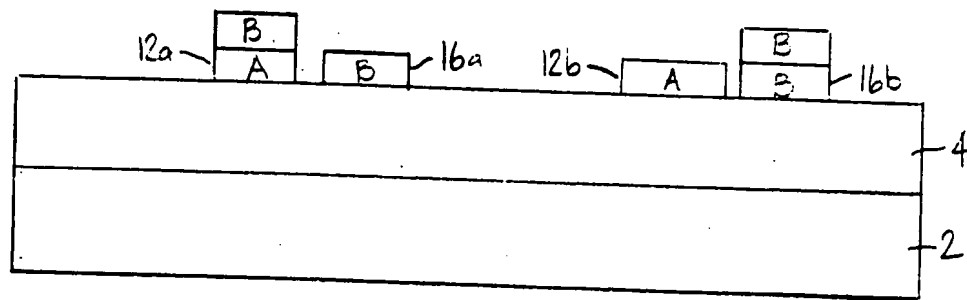


FIG. 6.

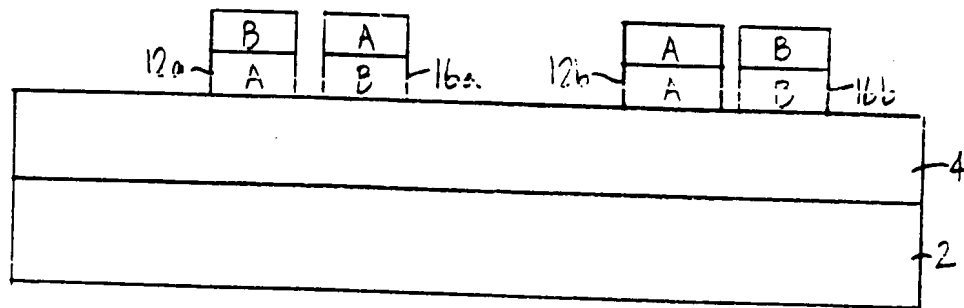


FIG. 7.

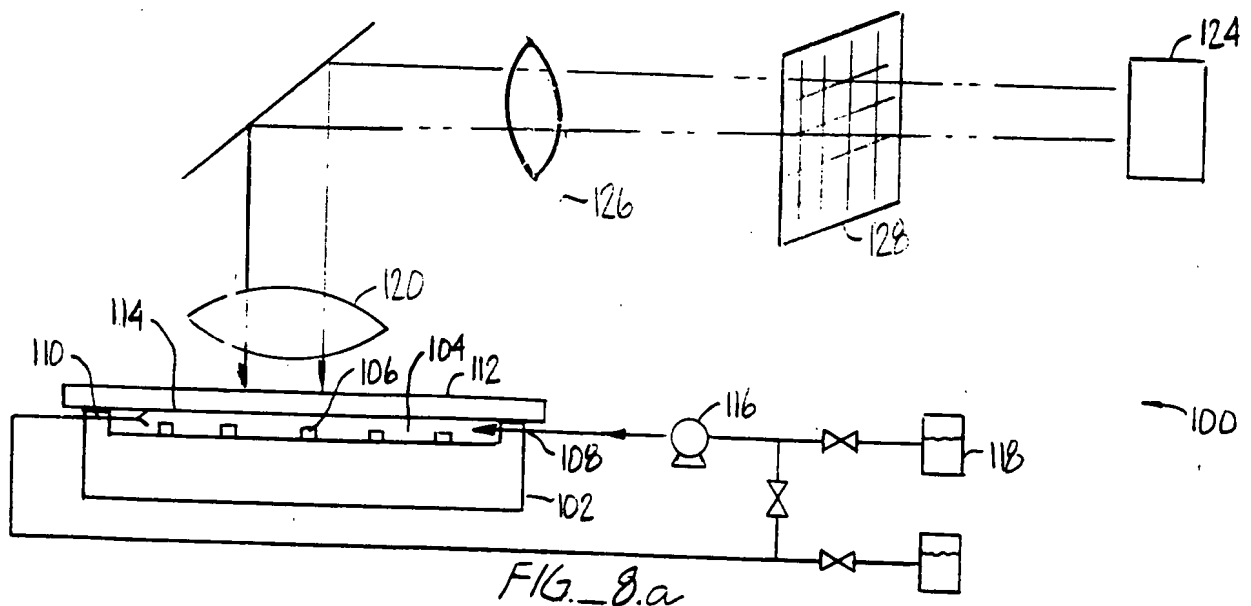


FIG. 8.a

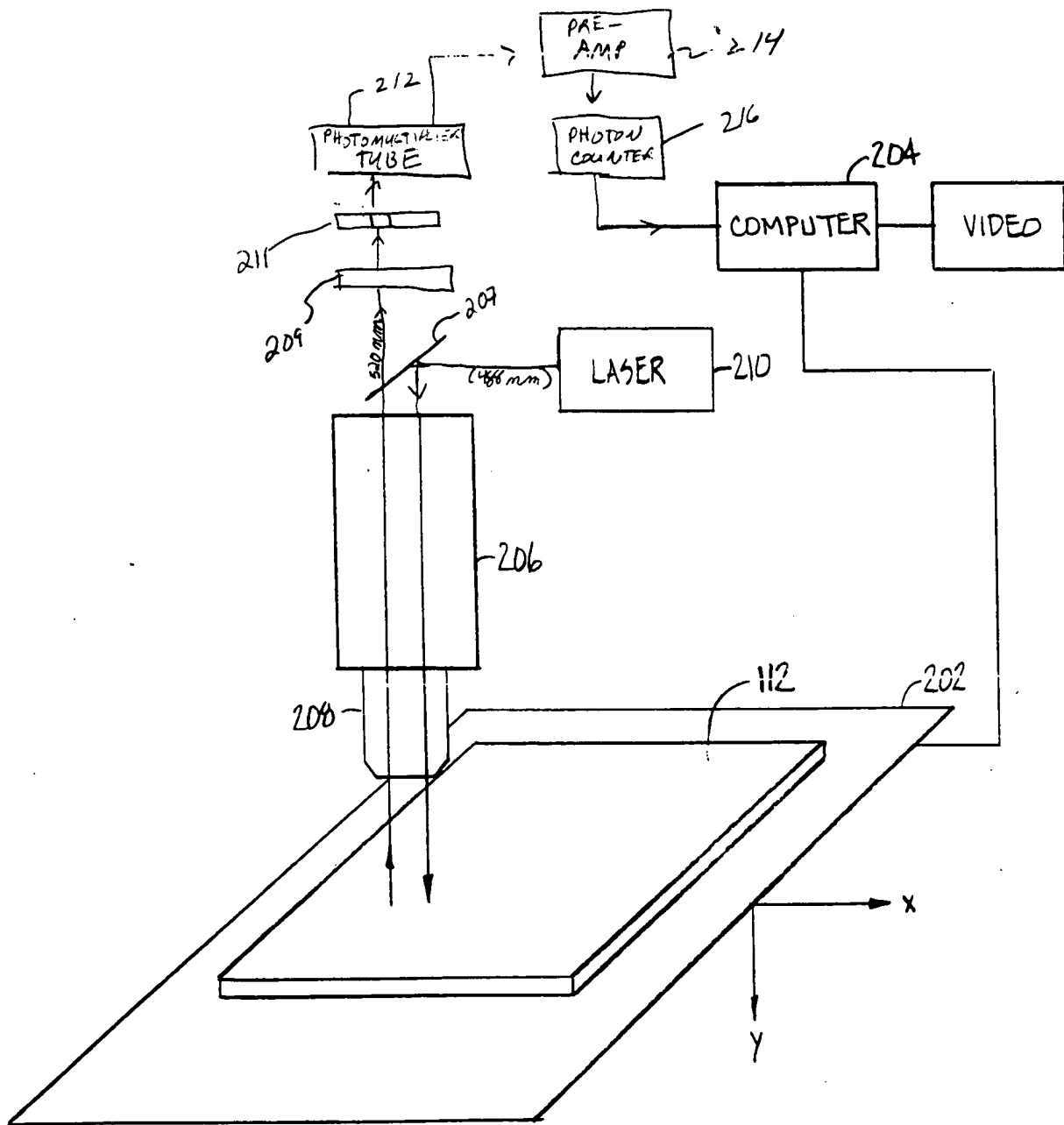
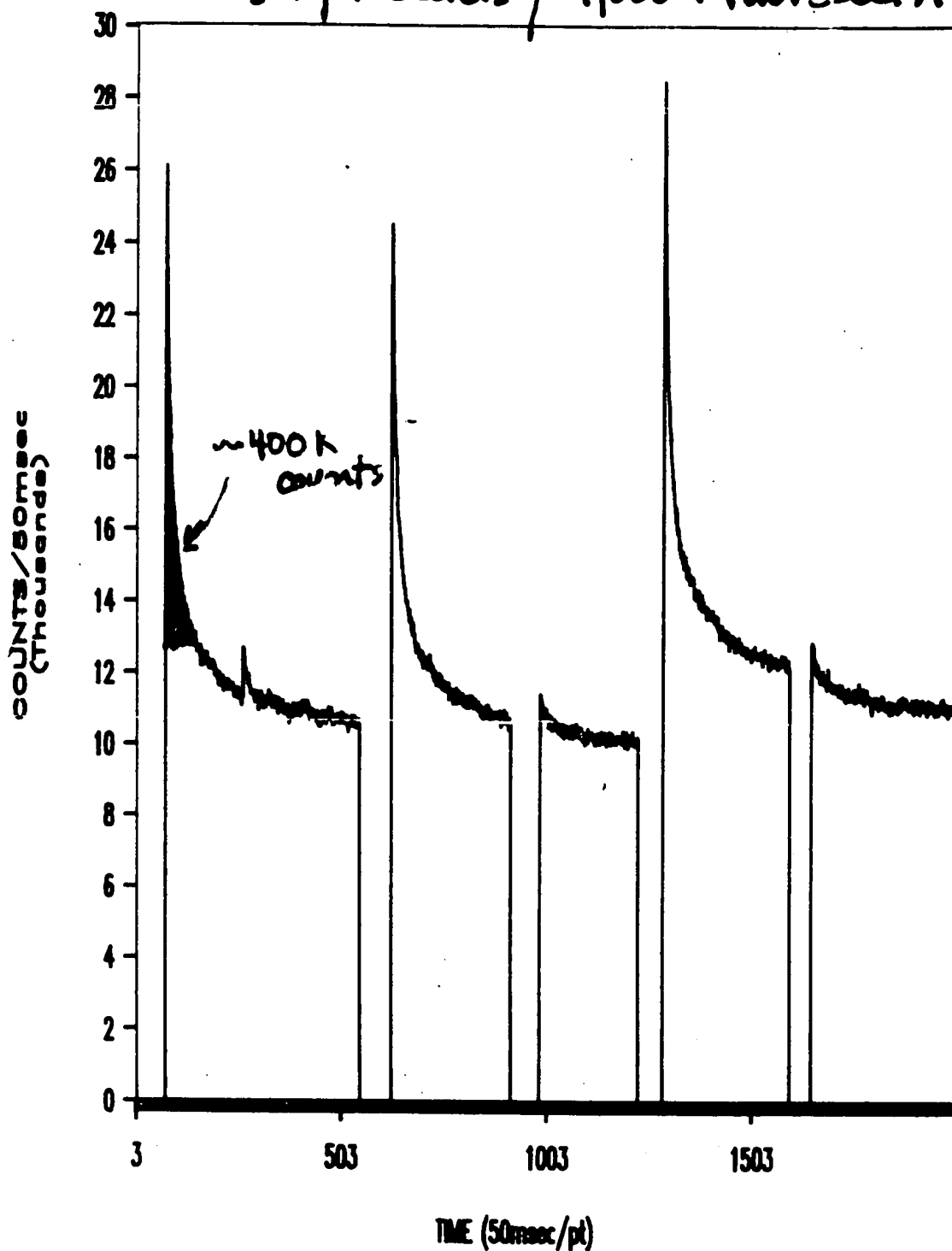


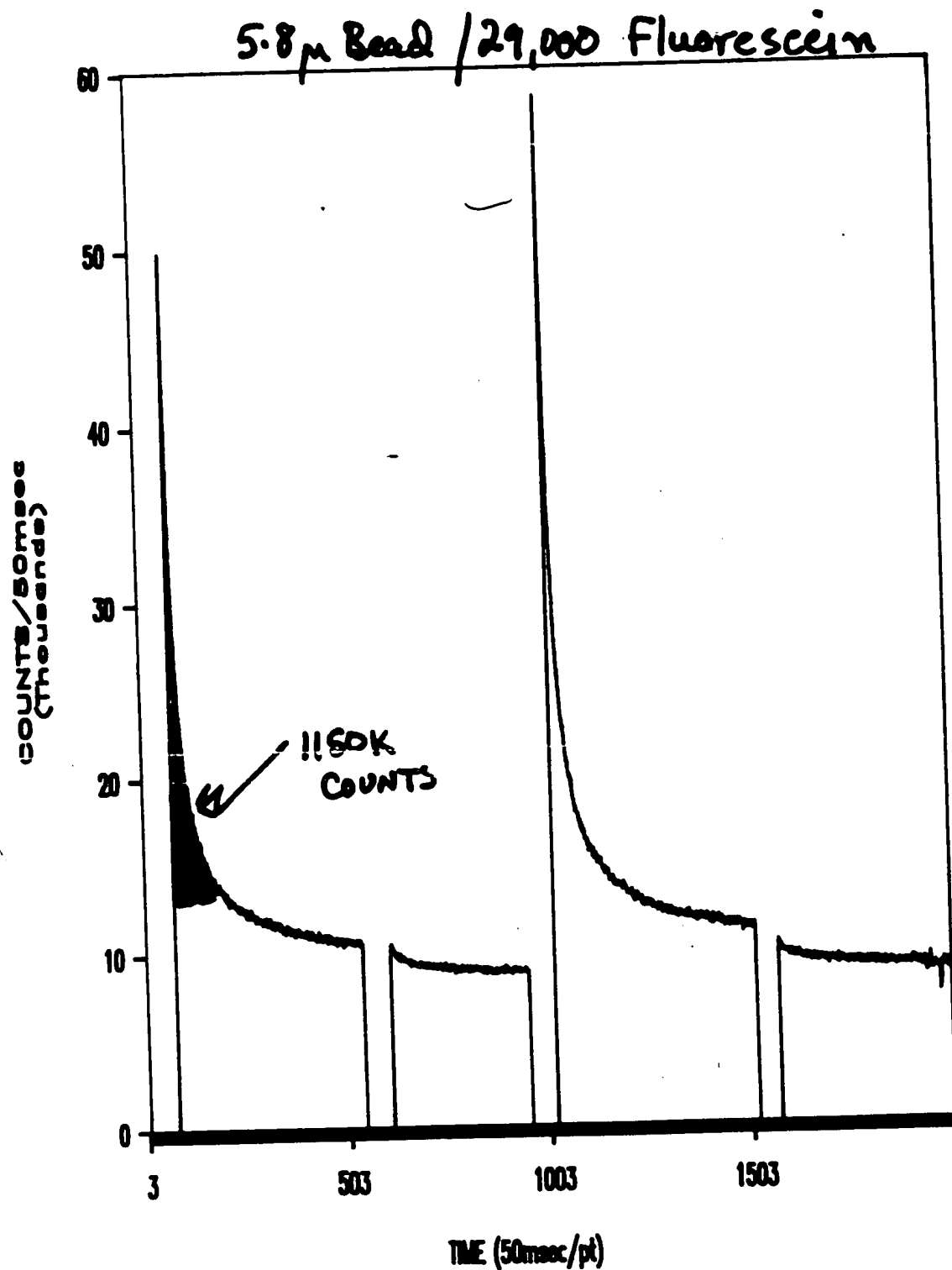
FIG.-9.

5.9 μ beads / 7,000 Fluorescein



$\sim 2 \times 10^{-6}$ chromophore / A^2

Fig. 11A



$\sim 8 \times 10^{-6}$ chromophore / \AA^2

FIG. 11C

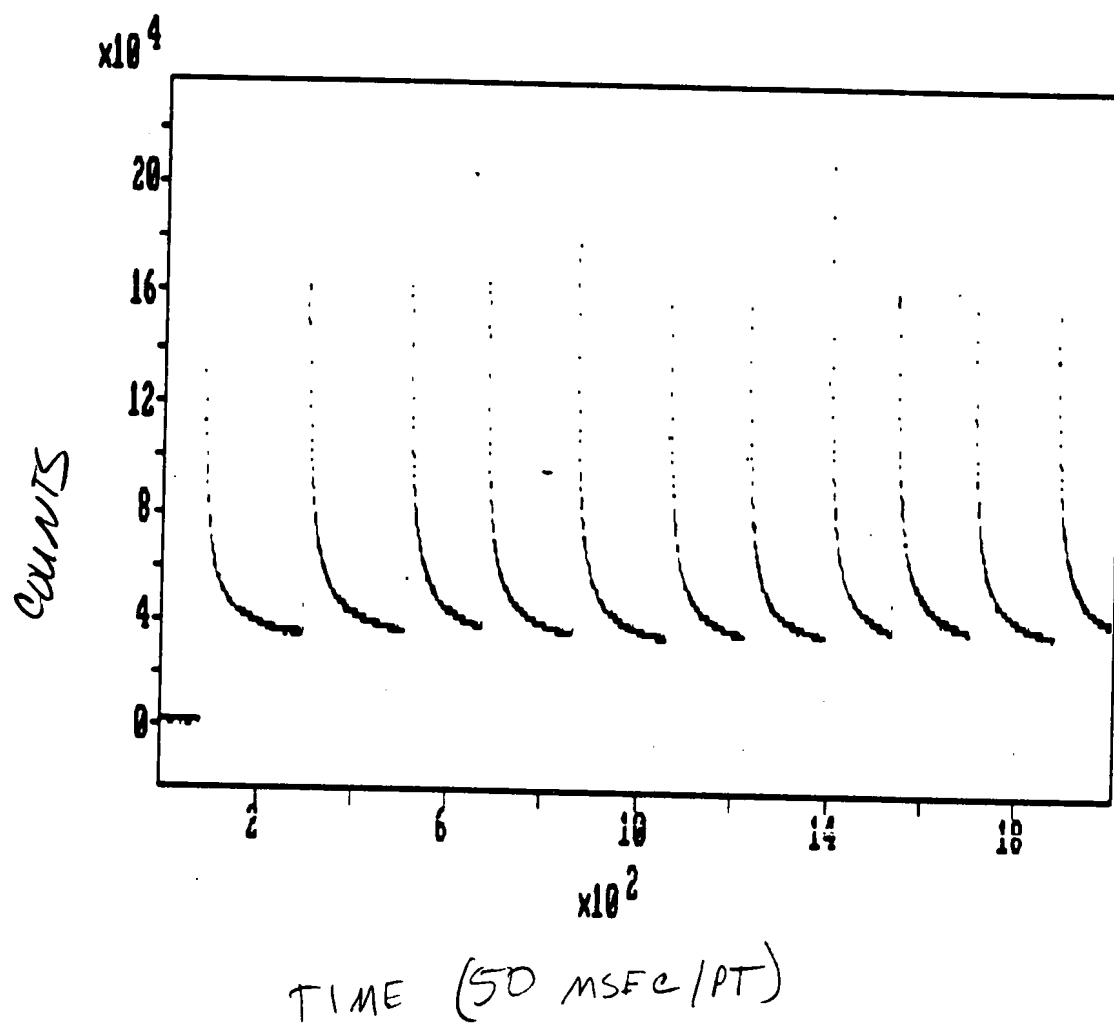


Fig 12B

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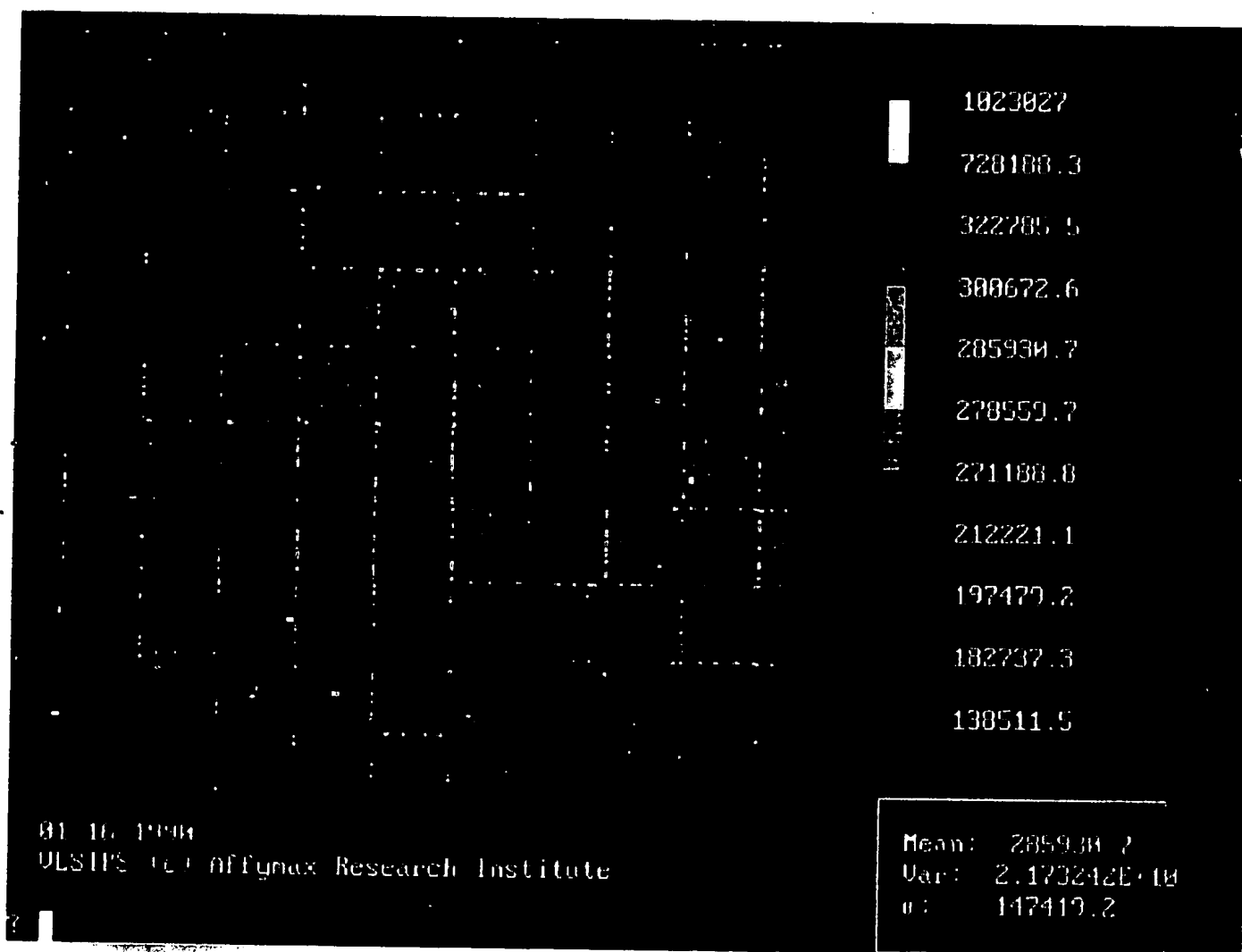


FIG. 13A

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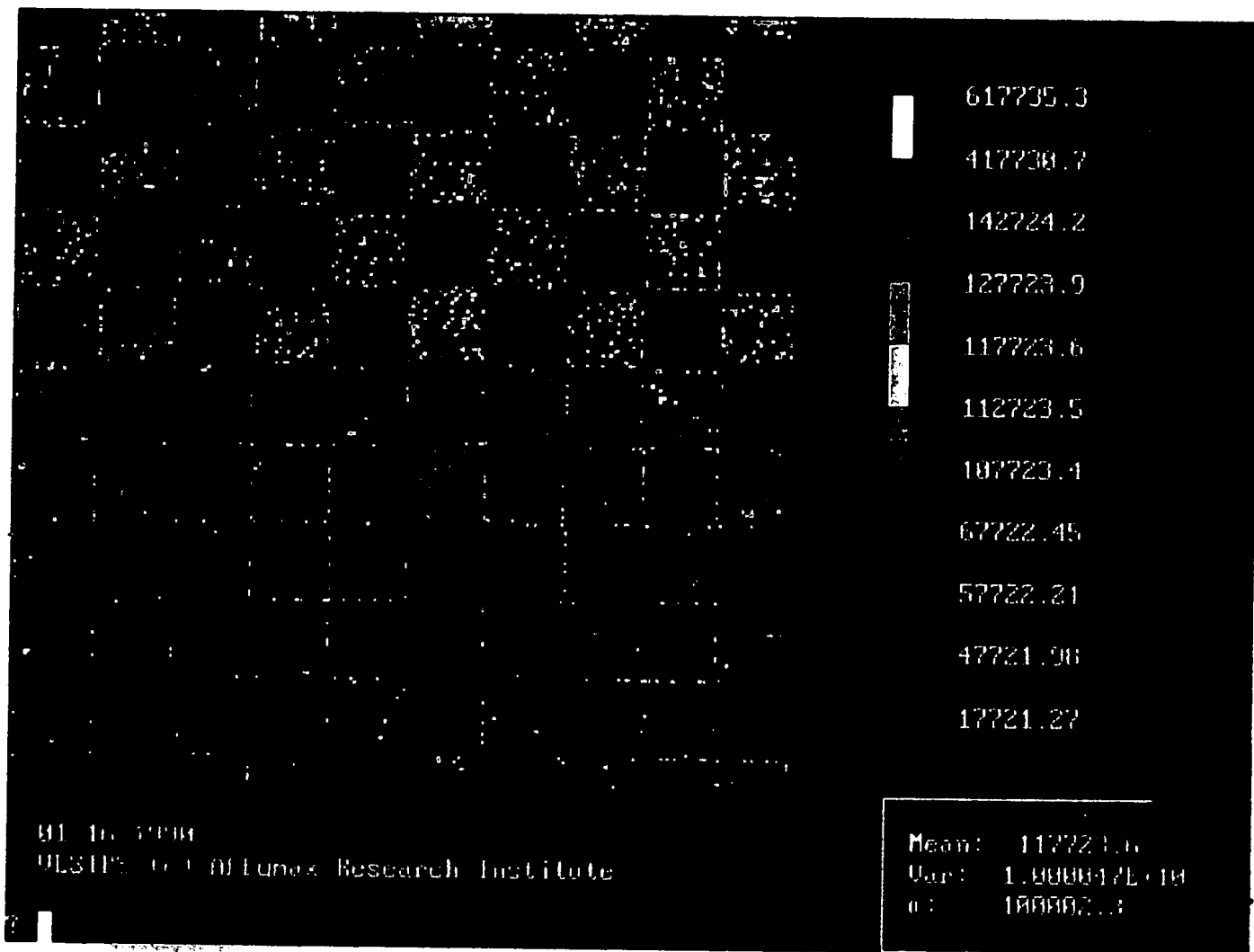


FIG. 13B

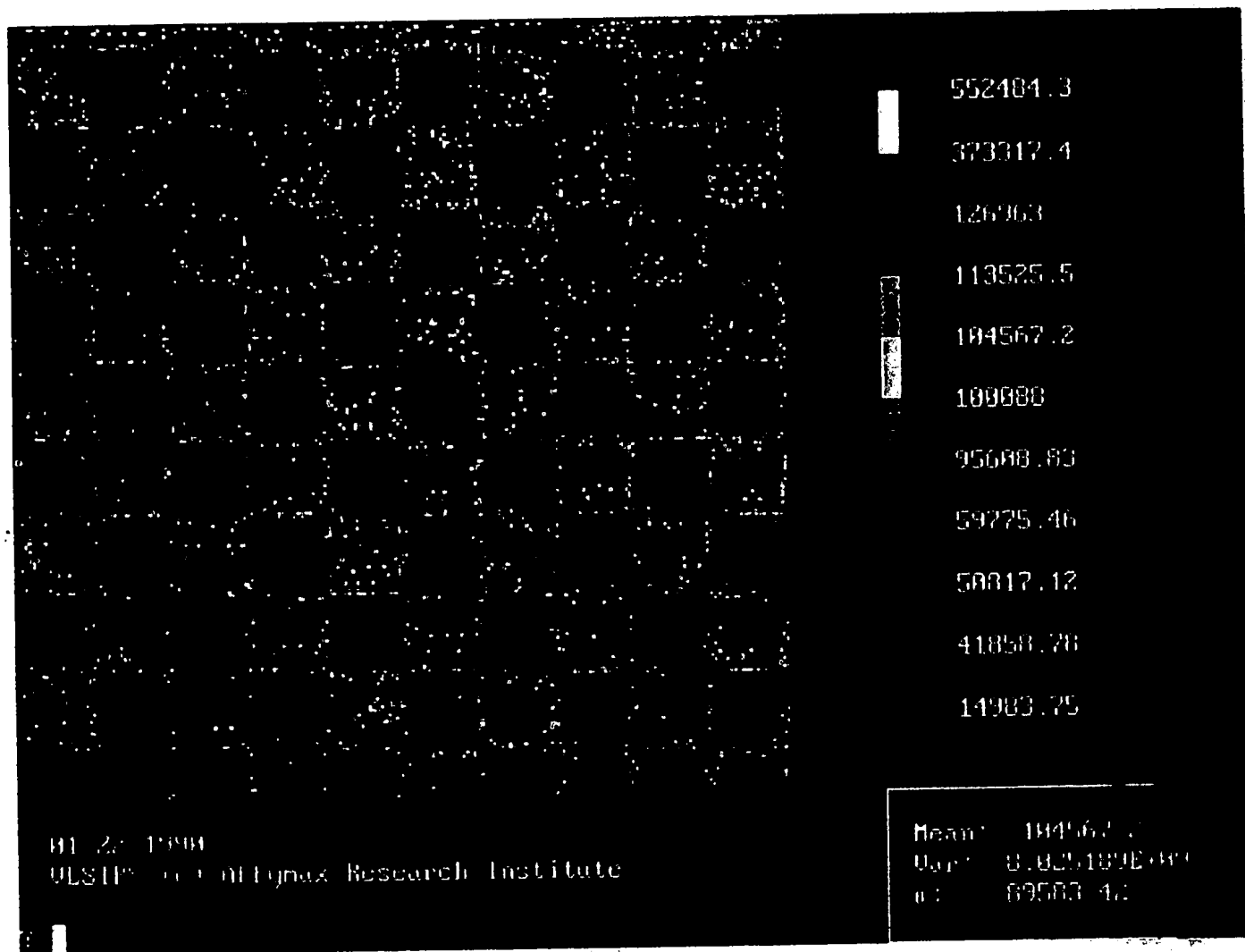


FIG. 13c

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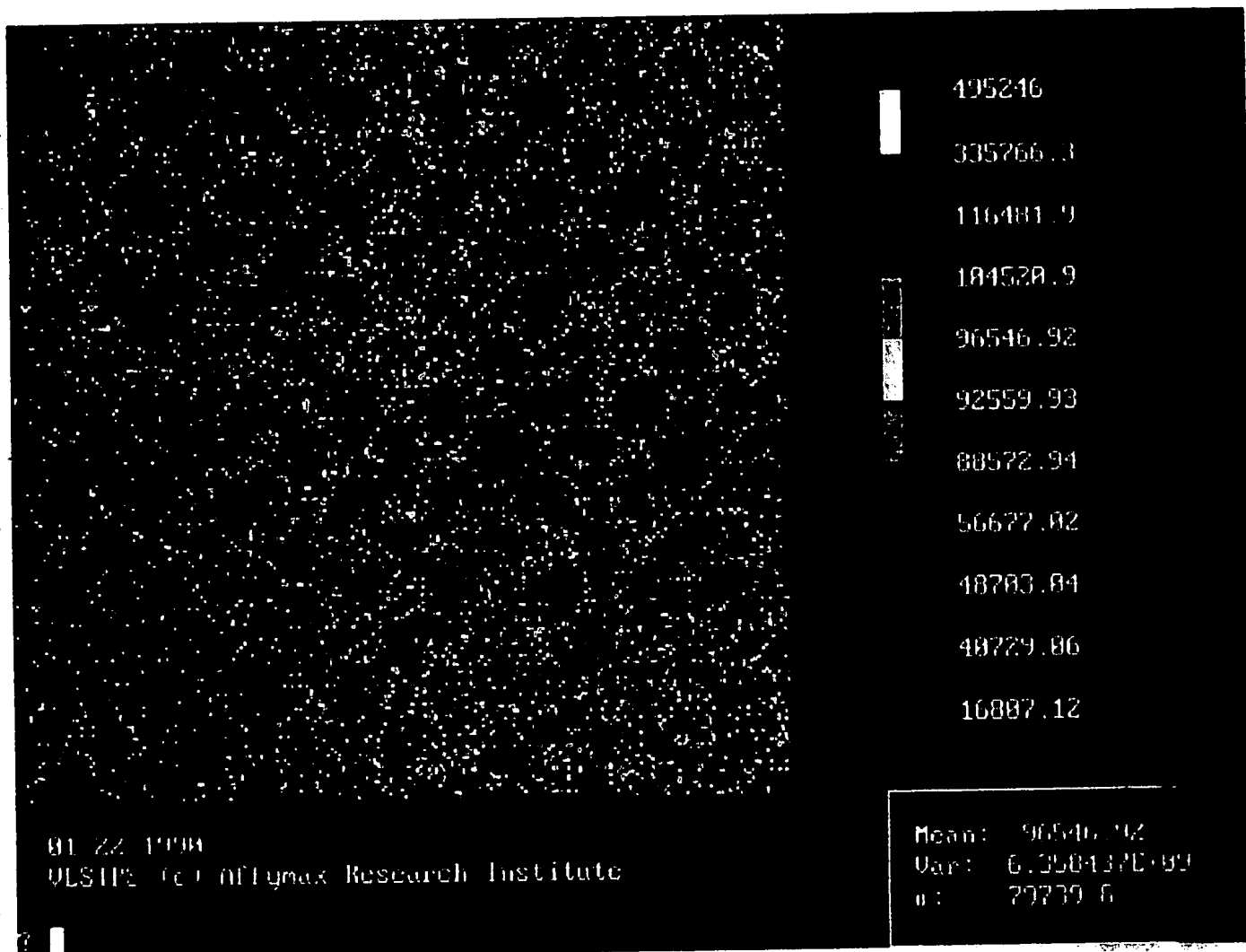
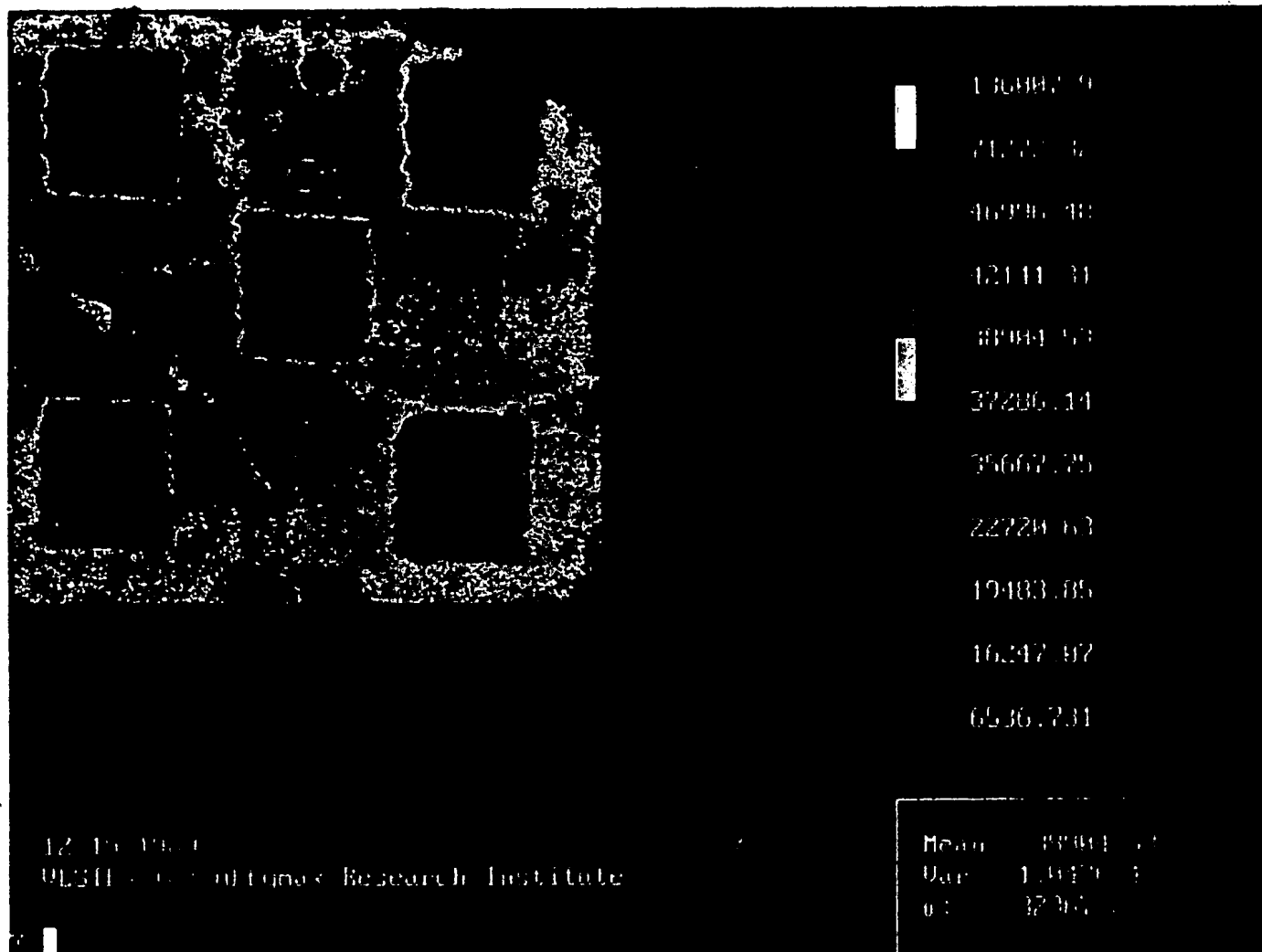


FIG. 13D

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F16.14

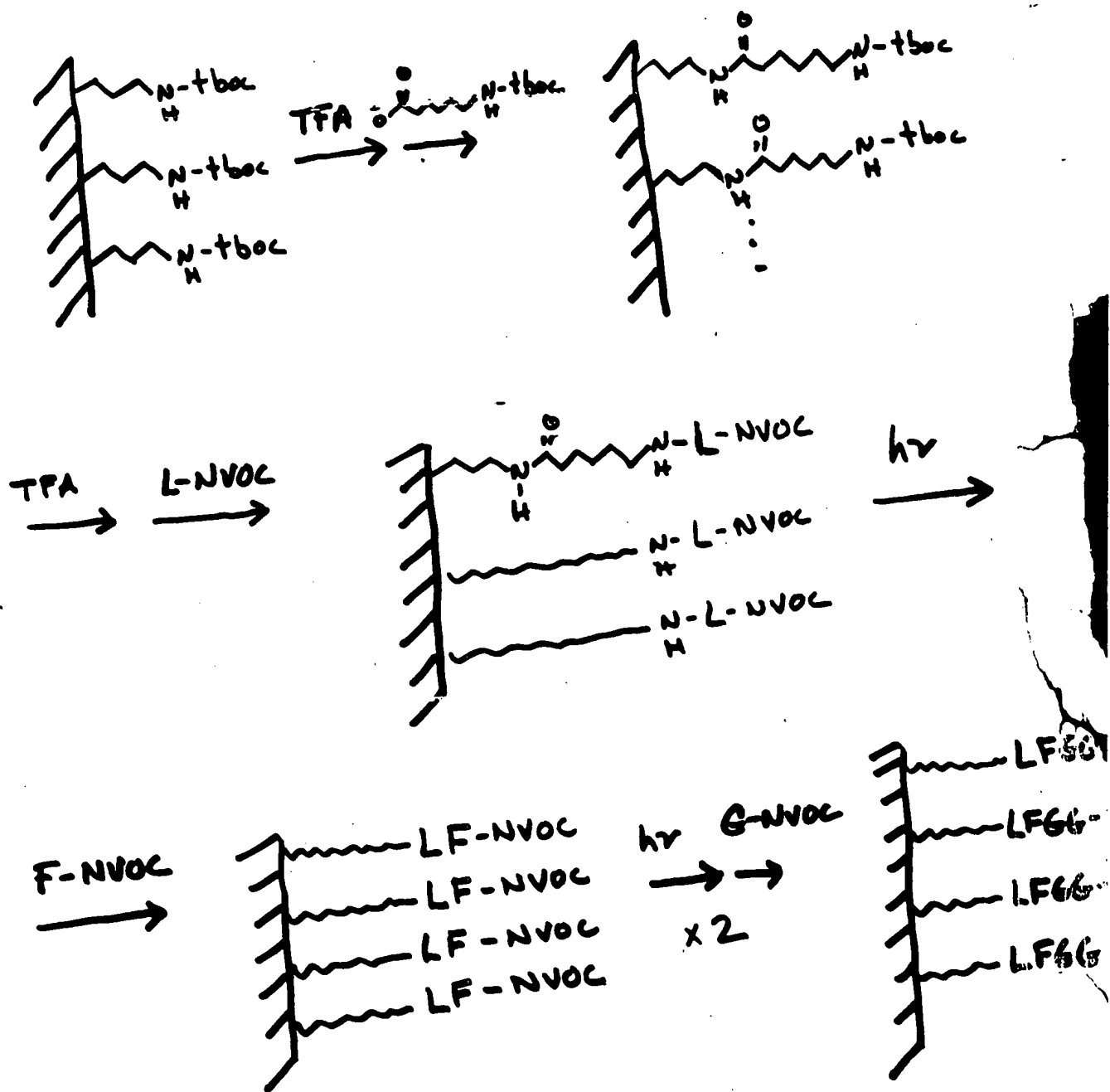
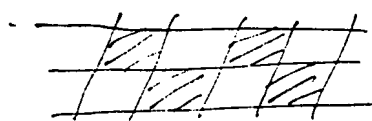


FIG. 15A

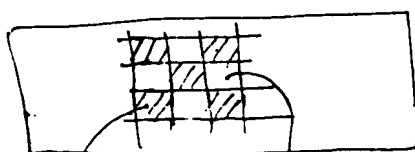
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NVOC GGFL

↓ hr



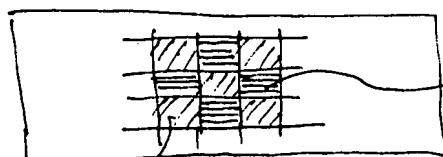
500 x 500 μ m MASK



NVOC GGFL

H₂NGGFL

↓ NVOC, hr



H₂NYGGFL

H₂NGGFL

↓ HERZ

↓ GOAT ANTI-MOUSE-F1

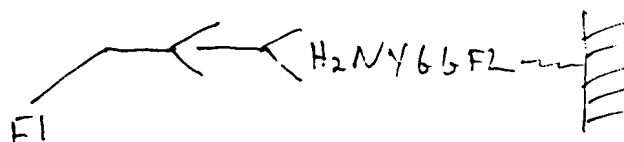


FIG. 15B

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Fig. 15c

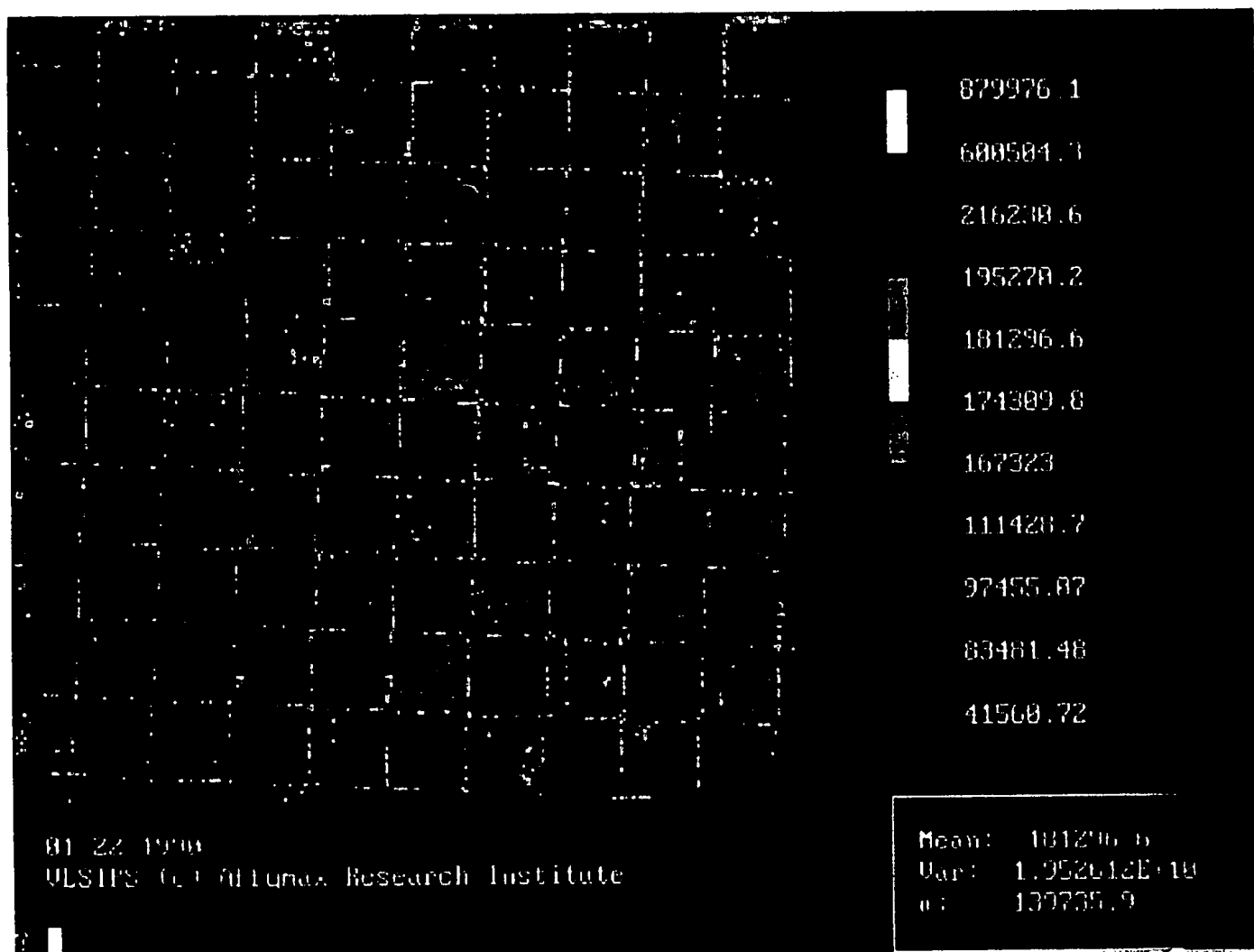


FIG. 15D

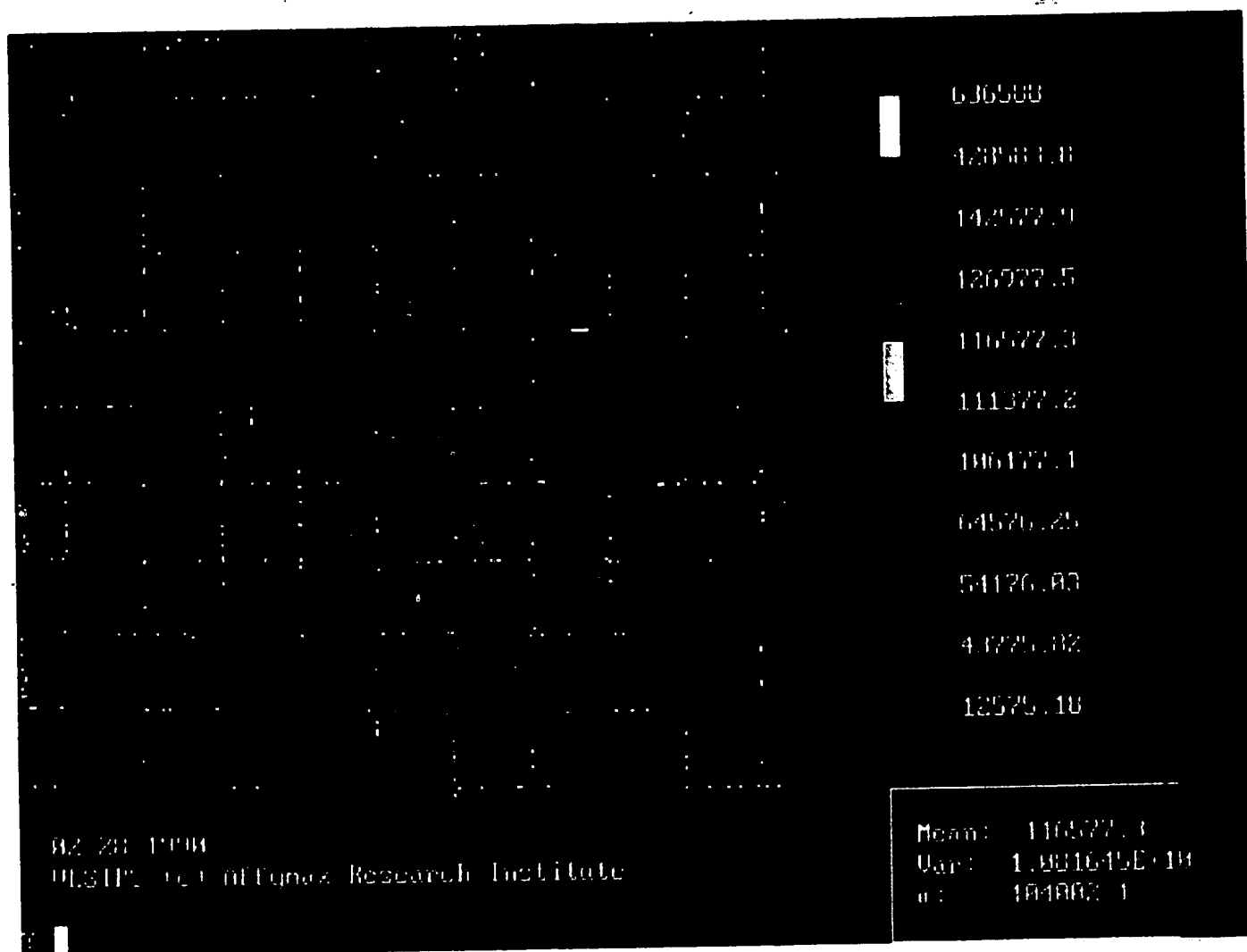


FIG. 16

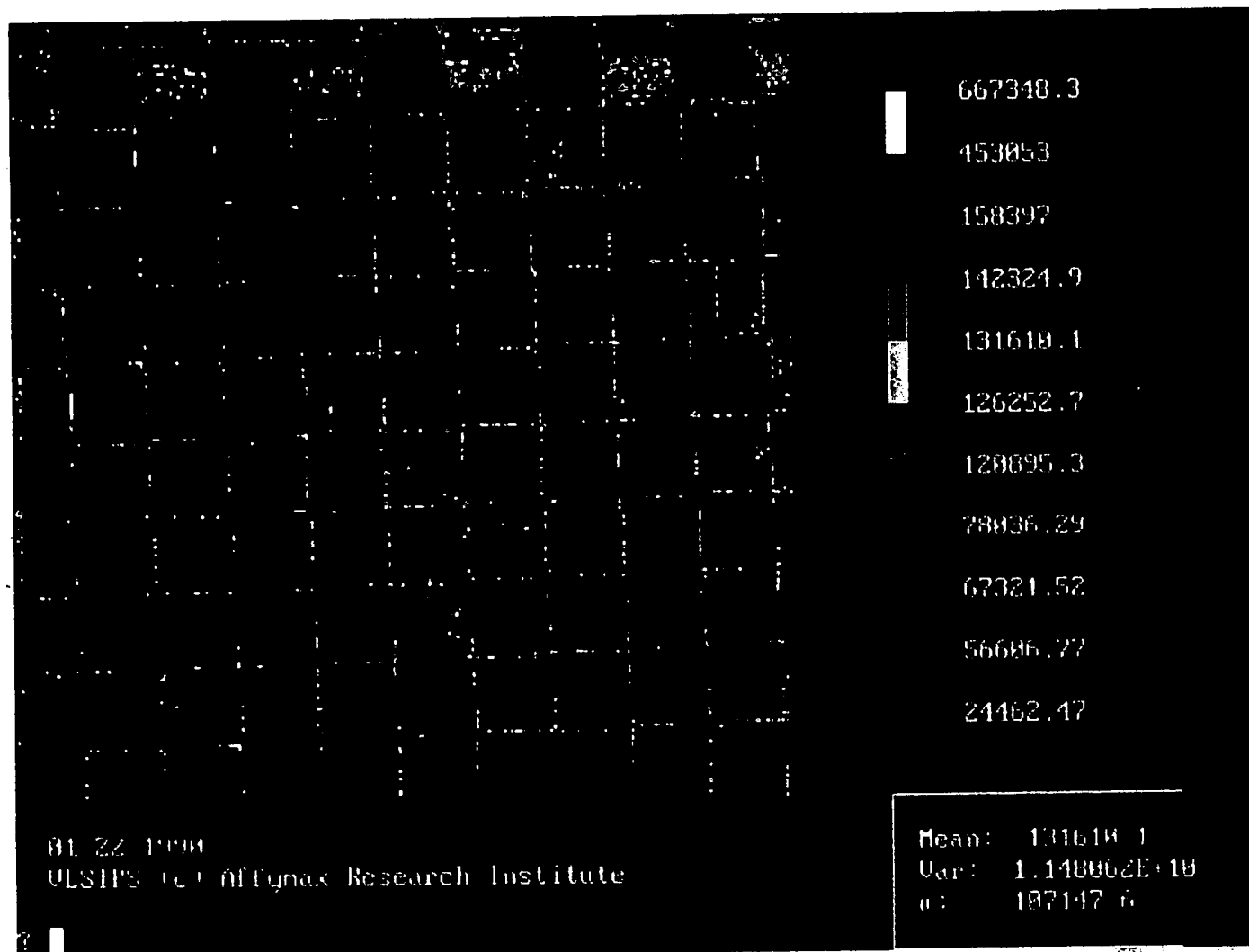


Fig. 17

P A S G

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<u>L</u> PGFL	<u>L</u> AGFL	<u>L</u> SGFL	<u>L</u> GGFL
<u>F</u> PGFL	<u>F</u> AGFL	<u>F</u> SGFL	<u>F</u> GGFL
<u>W</u> PGFL	<u>W</u> AGFL	<u>W</u> SGFL	<u>W</u> GGFL
<u>Y</u> PGFL	<u>Y</u> AGFL	<u>Y</u> SGFL	<u>Y</u> GGFL

L

F

W

Y

L set

FIG. 18a

P a A G

<u>Y</u> pGFL	<u>Y</u> aGFL	<u>Y</u> AGFL	<u>Y</u> GGFL
<u>f</u> pGFL	<u>f</u> aGFL	<u>f</u> AGFL	<u>f</u> GGFL
<u>w</u> pGFL	<u>w</u> aGFL	<u>w</u> AGFL	<u>w</u> GGFL
<u>y</u> pGFL	<u>y</u> aGFL	<u>y</u> AGFL	<u>y</u> GGFL

Y

f

w

y

D set

FIG. 18b

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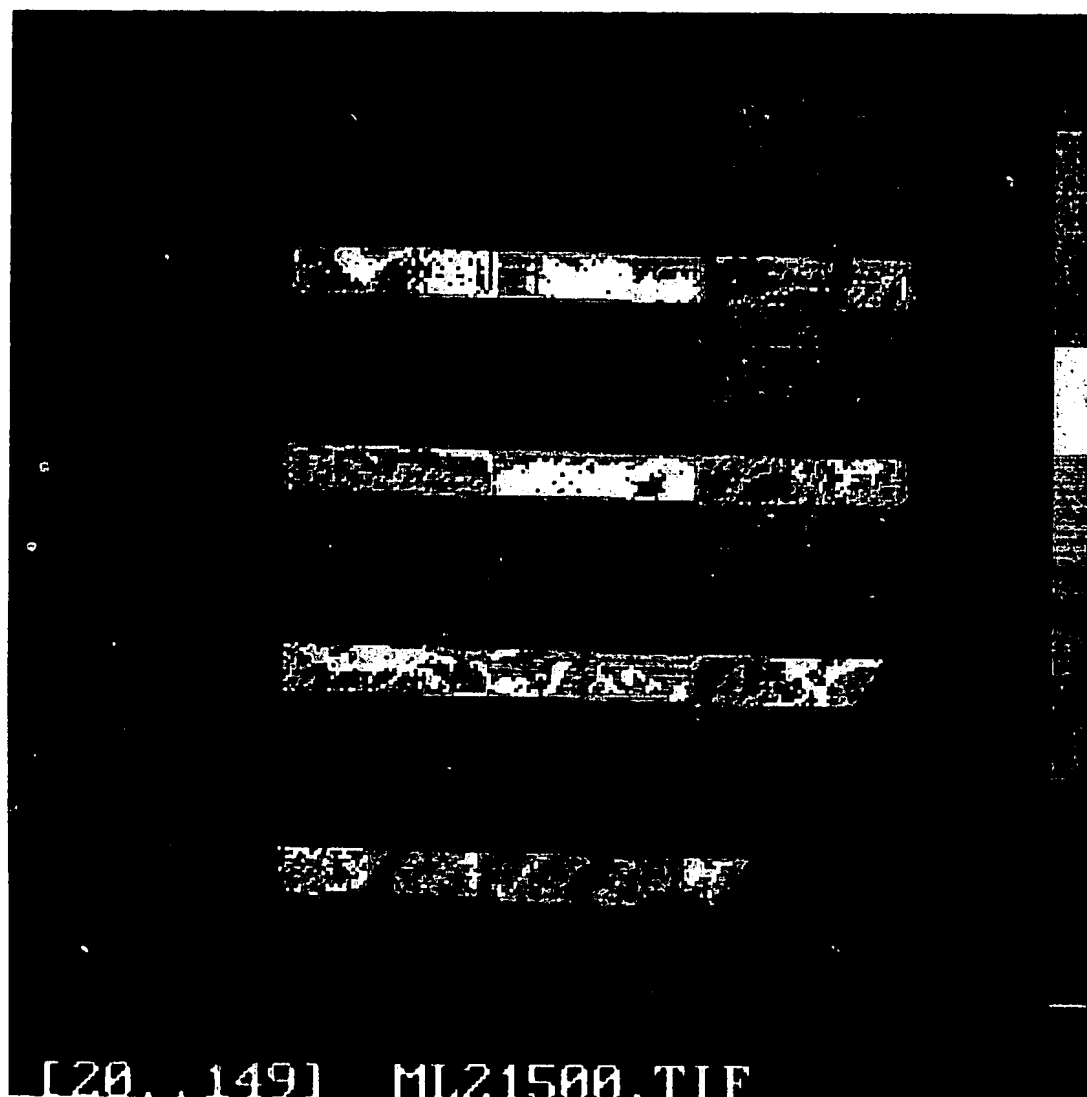
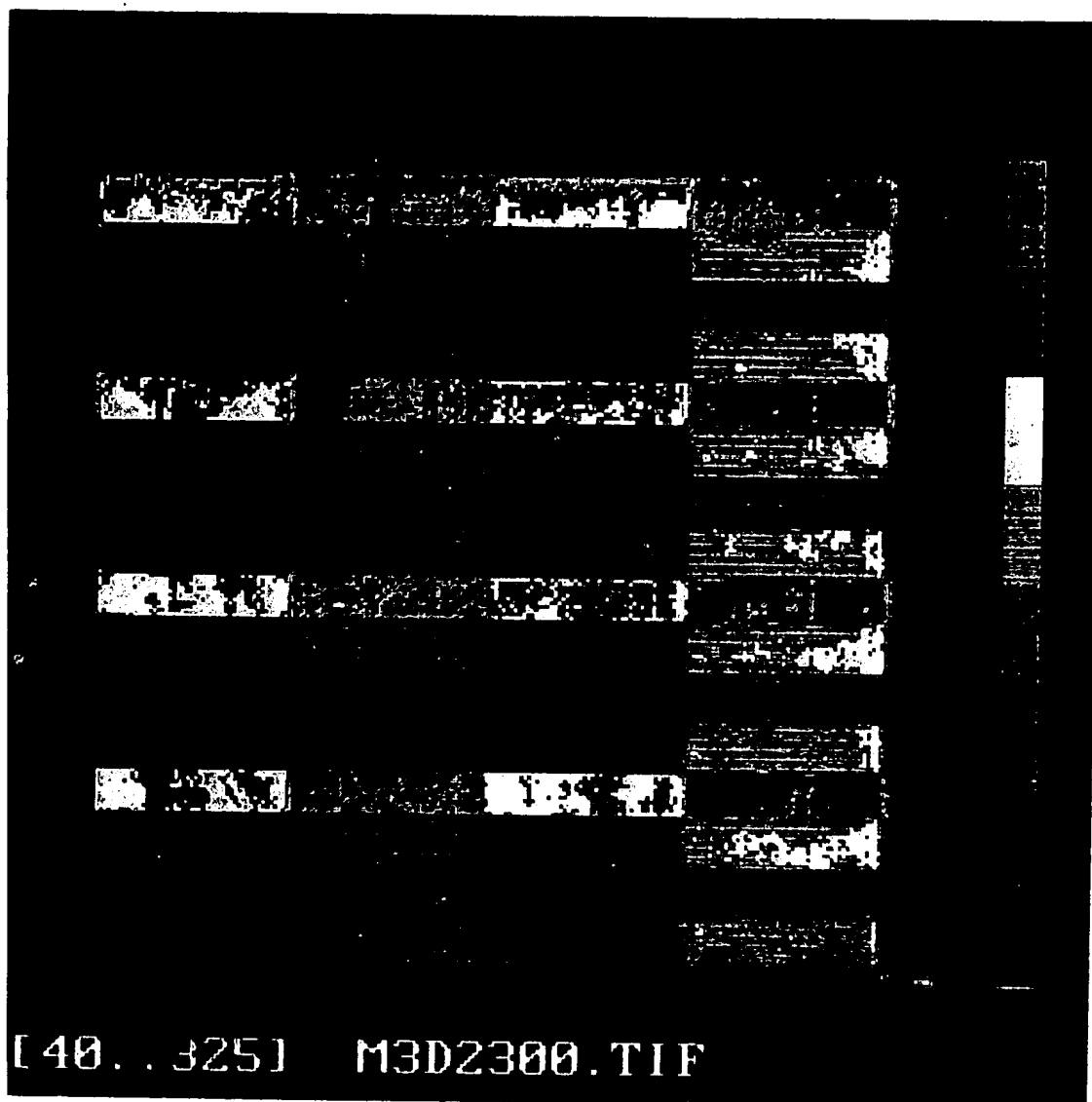


Fig. 19

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325,000



40,000

FIG. 20